| Index of Claims |  |
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| Application No | ), |
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10/019,955

Examiner

Linh Truong

Applicant(s)

HELMFRIDSSON ET AL.

Art Unit

3761

√ Rejected
= Allowed

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
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|             |                            | 6  | _             | _  |              | _        |              |          |                |                 |   |
| Cla         | im                         | LS   | _             | ,  | _[           | Date     | <del>}</del> |          |                | _               |   |
|             | =                          | 2  |               |  |              |          |              | - 1      | - 1            | - 1             |   |
| <u></u>     | Original                   | 4  |               |  |              |          | l            | - 1      | ı              | ı               |   |
| Final       | rigi                       |  |               |  |              |          |              | - 1      | ı              |                 |   |
| -           | ō                          | 6  |               |  |              |          |              | ļ        | I              |                 |   |
| <u> </u>    |                            | ٠,   | _             | $\vdash$   |              | -        | -            | 1        | -              |                 |   |
|             | 1<br>2<br>3<br>4<br>5<br>6 | V  | L             | Щ  |              |          | _            |          | _              |                 |   |
|             | 2                          | 0000   |               |  |              |          |              |          |                |                 |   |
|             | 3                          | O  |               |  |              |          |              |          |                |                 |   |
|             | 4                          | Ď  |               |  |              |          |              |          |                |                 |   |
|             | 5                          | <u>~</u>   | -             |  |              | -        |              | _        | $\neg \dagger$ |                 |   |
|             |                            | <u>Y</u>   | <u> </u>      | H  | _            |          | -            | $\dashv$ | -              |                 |   |
| -           | -                          | K  | -             | -  |              | _        | -            |          |                | $\dashv$        |   |
|             |                            | 11   |               |  |              |          |              |          | _              |                 |   |
|             | 8 9                        | Ш  |               |  |              |          |              |          |                | _               |   |
|             | 9                          | П  |               |  |              |          | l            |          |                |                 |   |
|             | 10                         | П  |               |  |              |          |              |          |                |                 |   |
| <b></b>     | 11                         | Ħ  | Н             | М  | _            |          | $\Box$       | $\neg$   | $\neg$         | $\neg$          |   |
| <del></del> | 12                         | H  | $\vdash$      | Н  |              |          | $\vdash$     | -        | $\dashv$       | $\dashv$        |   |
|             | 12                         | 1.   | 1             | $\vdash$   | _            | -        | Н            | -        | $\vdash$       |                 |   |
| <u> </u>    | 11<br>12<br>13<br>14<br>15 | ~  | _             | $\vdash$   |              | <u> </u> | Ш            |          | $\square$      | _               |   |
|             | 14                         | <u> </u>   | _             | Щ  |              | oxdot    | Ш            |          |                |                 |   |
| L           | 15                         | L  | L             |  |              |          |              |          |                |                 |   |
|             | 16<br>17                   | Γ  |               |  |              |          |              |          |                |                 |   |
|             | 17                         | <del>                                     </del> | $\overline{}$ | Г  |              | ļ        |              |          |                |                 |   |
|             | 18                         | +  | $\vdash$      | $\vdash$   | _            | $\vdash$ | H            | $\dashv$ | Н              | $\dashv$        |   |
|             | 10                         | ┼  | -             | -  | _            | _        | ├            |          |                | $\dashv$        |   |
| <u> </u>    | 19<br>20                   | ₩  | ⊢             | _  |              |          | -            |          |                |                 |   |
|             | 20                         | <u> </u>   | ┖             |  |              |          |              |          |                |                 |   |
|             | 21                         |  |               |  |              |          |              |          |                |                 |   |
|             | 22                         |  |               |  |              |          |              |          |                |                 |   |
|             | 22<br>23                   | 1  |               |  |              |          |              |          |                |                 |   |
|             | 24                         | +-   | +             | <del>  -</del>                                   | -            | 1        | -            |          |                | _               | i |
| <del></del> | 24<br>25                   | ┿  | ┼─            | ┢  | ├─           |          |              | -        |                |                 |   |
| <u> </u>    | 20                         | ₩  | ┡             | _  | ├—           | -        |              |          |                |                 |   |
|             | 26                         | <b></b> .  | 1             | <u> </u>   | <u> </u>     | _        | _            |          | L              |                 | l |
|             | 27<br>28<br>29             |  | L.            | L  |              | _        |              |          |                |                 |   |
|             | 28                         |  | Γ             |  |              |          |              |          |                |                 |   |
| <u> </u>    | 29                         |  |               |  |              |          |              |          |                |                 | l |
|             | 30                         | 1  | ╁             | <del>                                     </del> | _            | $\vdash$ |              |          |                |                 | l |
| <b></b>     | 31                         | +  | -             | $\vdash$   |              | +-       | Н            | -        | <del> </del>   | Н               | l |
| <b>├</b> ─  | 31                         | ┼-   | ₩             | $\vdash$   | $\vdash$     | ├-       | -            |          | $\vdash$       | $\vdash$        | l |
| L           | 32<br>33                   | $\perp$  | $\vdash$      | $\vdash$   | <u> </u>     | <u> </u> | —            | <u> </u> | <u> </u>       | <u> </u>        | l |
| L           | 33                         | L  | L             | $oxed{oxed}$                                     |              | L        |              |          |                | L               |   |
|             | 34                         |  | L             | L  |              | L        | L            |          |                | L_              |   |
|             | 35                         |  |               |  |              | 1        | Γ            |          |                |                 | l |
|             | 36                         | 1-   | T             |  | $\vdash$     | T        | Г            |          |                | Π               | ١ |
| <del></del> | 37                         | +-   | T             | $t^{-}$  | ┢            | T        | $\vdash$     |          | -              |                 |   |
|             | 20                         | +  | +             | +-   | $\vdash$     | -        | $\vdash$     | $\vdash$ | $\vdash$       | -               |   |
|             | 38                         | <del> </del>                                     | ╀             |  | <del> </del> |          | ├            | -        | <del> </del>   | $\vdash$        | 1 |
|             | 39                         | $\perp$  | $\perp$       | <u> </u>   | $\vdash$     | ₽        | <u> </u>     | <u> </u> | ļ              | _               | 1 |
| L           | 40                         | L  | L             | L  | L            |          |              | _        |                | <u> </u>        | 1 |
|             | 41                         |  | Г             |  | Π            | Γ        | _            |          |                | l. <sup>-</sup> | l |
|             | 42                         | $\top$   | 1             | 1.   | Г            | Т        |              | Г        |                |                 | ١ |
| <b> </b>    | 43                         | +  | 1             | Ė  | 1            | †        | Т            | T        | 1              | $\vdash$        | ١ |
| 1           |                            | +  | 1             | ┼  | $\vdash$     | +        | $\vdash$     | $\vdash$ | ╁              | ├               | 1 |
| <u> </u>    | 44                         | +-   | +             | <b>↓</b> _                                       | ₩            |          | -            |          | $\vdash$       | $\vdash$        | 1 |
| L           | 45                         | $\perp$  | 丄             | <u> </u>   | $oxed{oxed}$ | <b>L</b> |              | L_       | <u> </u>       | _               | 1 |
|             | 46                         |  |               | L  | L            | L        |              | L        | L              | L               | l |
|             | 47                         | T  | Τ             |  | Π            |          | Г            | Г        |                |                 | 1 |
|             | 48                         | ✝  | T             | T  | 1            | Т        | Т            | T        |                |                 | 1 |
| $\vdash$    | 1 40                       | +  | +-            | +  | $\vdash$     | $\vdash$ | $\vdash$     | 1        | $\vdash$       | $\vdash$        | 1 |
| <u></u>     | 49                         | +  | +-            | $\vdash$   | -            | $\vdash$ | $\vdash$     | ├—       | $\vdash$       | $\vdash$        | ł |
| L           | 50                         |  | 1             | 1  |              |          | <u> </u>     |          | 1              |                 | J |

| Claim         Date           E. D.   |   |
|--|---|
| 51<br>52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73 |   |
| 51<br>52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73 |   |
| 51<br>52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73 |   |
| 52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73       |   |
| 52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73       | _ |
| 54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73                   | _ |
| 54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73                   |   |
| 56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73                               |   |
| 56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73                               |   |
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| 57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73                                     |   |
| 58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73   |   |
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| 62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73   | _ |
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| Cla         | aim                      |          |              |              |          | ate          |          |          |              |              |
|-------------|--------------------------|----------|--------------|--------------|----------|--------------|----------|----------|--------------|--------------|
|             |                          |          |              |              |          |              |          |          |              |              |
| Final       | Original                 |          |              |              |          |              |          |          |              |              |
|             | 101                      |          |              |              | _        |              |          |          |              | $\sqcap$     |
|             | 101<br>102               | T        |              | $\neg$       | _        |              |          |          |              |              |
|             | 103                      | $\neg$   |              | T            | _        |              |          |          |              |              |
|             | 104                      |          |              |              |          |              |          |          |              |              |
|             | 104<br>105               |          |              |              |          |              |          |          |              |              |
|             | 106                      |          |              |              |          |              |          |          |              |              |
|             | 107<br>108               |          |              |              |          |              |          |          |              |              |
|             | 108                      |          |              |              |          |              |          |          |              |              |
|             | 109                      |          |              |              |          |              |          |          |              |              |
|             | 110                      |          |              |              |          |              |          |          |              |              |
|             | 111                      |          |              |              |          |              |          |          |              |              |
|             | 112                      |          |              |              |          |              |          |          |              |              |
|             | 112<br>113               |          |              |              |          |              |          |          |              |              |
|             | 114                      |          |              |              |          |              |          |          |              |              |
|             | 115<br>116               |          |              |              |          |              |          |          |              |              |
|             | 116                      |          |              |              |          |              |          |          |              |              |
|             | 117                      |          |              |              |          |              |          |          |              | Ш            |
|             | 118                      |          |              |              |          |              |          |          |              |              |
|             | 118<br>119               |          |              |              |          |              |          |          | L            |              |
|             | 120<br>121               |          |              |              |          |              |          |          |              |              |
|             | 121                      |          | <u> </u>     |              |          | $oxed{oxed}$ |          |          | L            |              |
|             | 122                      |          | _            |              |          | _            | L        |          |              | <u></u>      |
|             | 123                      |          |              |              |          | <u></u>      |          |          | L            | _            |
|             | 124                      |          |              |              |          | <u> </u>     | _        |          | L            | _            |
|             | 123<br>124<br>125        |          |              | _            | _        | <u> </u>     | _        | _        | _            |              |
|             | 126<br>127<br>128<br>129 | _        |              |              | _        | _            | 1_       | <u> </u> | L            | _            |
| <u> </u>    | 127                      |          | _            |              | <u> </u> | _            | _        | _        |              |              |
| L           | 128                      |          | _            | <u> </u>     | _        | <u> </u>     | <u> </u> | _        | -            |              |
| <u> </u>    | 129                      |          | _            | _            | <u> </u> | _            |          |          |              | <u> </u>     |
| <u> </u>    | 1 130                    | <b> </b> |              | L            |          |              | ▙        |          | -            | ⊢            |
|             | 131<br>132               | ┞        | ļ            | L            | <u> </u> | $\vdash$     | ⊢        |          | <del> </del> | ⊢            |
|             | 132                      | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> |              | ├        |          | <del> </del> | ├            |
| <u> </u>    | 133                      | <u> </u> | $\vdash$     |              |          | ├            | <b>├</b> | -        | ├-           | $\vdash$     |
| -           | 134<br>135               |          | $\vdash$     | $\vdash$     | -        | ⊢            | ├        | ├        | ├            | $\vdash$     |
| <u> </u>    | 135                      | $\vdash$ | <del> </del> |              | ├        | ├            | $\vdash$ | -        | +-           | $\vdash$     |
| <u> </u>    | 136                      | +-       | -            | $\vdash$     | -        | $\vdash$     | ├-       | -        | ⊢            | -            |
| <del></del> | 138                      | ├        | $\vdash$     | $\vdash$     | $\vdash$ | +-           | $\vdash$ | $\vdash$ | $\vdash$     | ┼─           |
| -           | 139                      | ╁─       | -            | ₩            | $\vdash$ | $\vdash$     | +-       | $\vdash$ | $\vdash$     | ┼┈           |
|             | 140                      | ╁        | ├            | <del> </del> |          | $\vdash$     | ╁        | $\vdash$ | $\vdash$     | $\vdash$     |
| -           |                          | +        | ┢            | $\vdash$     | $\vdash$ | +-           | $\vdash$ | -        | +-           | $\vdash$     |
| -           | 141                      | 1        | ╁            | $\vdash$     | $\vdash$ | -            | ├-       | ⊢        | 1            | $\vdash$     |
| -           | 143                      | +-       | $\vdash$     | $\vdash$     | $\vdash$ | t            | +-       | $\vdash$ | t            | <u> </u>     |
| -           | 144                      | ╁        | $\vdash$     | +-           | $\vdash$ | $\vdash$     | 1-       | H        | t            | <del> </del> |
| <b>—</b>    | 145                      | 1        | $\vdash$     | +            | $\vdash$ | t            | +-       | $\vdash$ | T            | 1-           |
| -           | 146                      | ╁        | $\vdash$     | -            | +        | +            | +-       | $t^-$    | $\vdash$     | $t^-$        |
| -           | 147                      | $\vdash$ | 1            | $\vdash$     | T        | +            | $\vdash$ | $\vdash$ | $\vdash$     | ╆            |
| -           | 148                      | +        | 1            | +-           | $\vdash$ | +-           | +        | ┢        | 十            | +-           |
| $\vdash$    | 149                      | +-       | 1            | t            | $\vdash$ | +-           | +        | t        | $\vdash$     | 1            |
|             | 150                      | ╁╌       | ┢            | +            | $\vdash$ | $\vdash$     | +        | $\vdash$ | +            | +            |
| L           | 1 100                    |          | <u> </u>     |              | ــــ     | 1            | 1        | 1        | 1            |              |